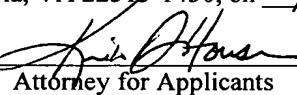


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John J. House  
Attorney for Applicants

Date February 22, 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
JOSEPH C. ZUERCHER et al. )  
Entitled: ) Attorney Docket No. 02-mAE2-229  
APPARATUS AND METHOD FOR REAL TIME ) Group Art Unit 2858  
DETERMINATION OF ARC FAULT ENERGY, )  
LOCATION AND TYPE ) Examiner W. Benson  
Serial No. 10/627,016 ) Confirmation No. 3696  
Filed: July 25, 2003 )

AMENDMENT

600 Grant Street, 44th Floor  
Pittsburgh, PA 15219  
February 22, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on January 25, 2005, please amend the  
above-captioned Application as follows:

Amendments to the Claims are reflected in the **Listing of Claims** which  
begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.